

*After Final
Expedited Procedures*

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- b) selecting a plurality of communication modes in coordination with said executing control step, wherein said modes include voice, data and conventional control functions, and wherein said user has option to run these modes roughly simultaneously;
- 5 c) controlling said plurality of communication modes under control of said executing control step, such that multiple functions of said handset unit appear roughly simultaneous in operation; and
- d) causing to execute a plurality of programs under control of said executing control step and controlling step.

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23. A method of controlling a handset unit as recited in Claim 14, in which said handset unit is primarily a personal digital assistant device.

15 24. A method of controlling a handset unit as recited in Claim 14, in which said handset unit is primarily a cellular phone unit.

20 31. A method of controlling a handset unit as recited in Claim 14, in which said controlling of plurality of communication modes step is adapted to communications among multiple handset units or earset units.

40. A method of controlling a handset unit as recited in Claim 14, in which said communication base unit is primarily a portable notebook-like computer system with external communication capability.

25 41. A method of controlling a handset unit as recited in Claim 14, in which said handset unit is adapted to access the Internet.

42. A method of controlling a handset unit as recited in Claim 14, in which said handset unit is adapted to hands free speakerphone-like operation, wherein the user can look at a 30 display screen while speaking toward a microphone at a distance.

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13 43. A method of controlling a handset unit as recited in Claim 14, in which said handset unit is adapted to record and playback audio or video information.

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44. A method of controlling wireless communication functions of a handset unit comprising the steps of:

a) controlling said handset unit using control program and system components located in said handset unit;

10 b) adapting handset unit to wireless communication functions and signals, under control of said microprocessor system, for relatively short distance wireless local networking with a base unit, wherein information is relayed to an external wide area network by said base unit;

c) transmitting wireless radio frequency (RF) information, under control of said control program to said base unit; and

15 d) receiving wireless radio frequency (RF) information, under control of said control program from said base unit.

16 45. A method of controlling wireless communication functions of a handset unit, as recited in Claim 44, in which said adapting handset step includes adapting functions to networking functions with one or more other handset units.

17 46. A method of controlling wireless communication functions of a handset unit, as recited in Claim 44, in which said adapting data step is adapted to communication functions with said base unit, wherein it is intended that said base unit is connected to the Internet via wire or

25 cable connections.

18 47. A method of controlling wireless communication functions of a handset unit, as recited in Claim 44, in which said adapting data step is adapted to communication functions having said base unit performing functions of a personal computer or notebook computer.

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